

ICNTC CONFERENCE

INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY

CONFERENCE VENUE

TEMBO HOTEL BARCELONA

10 APRIL 2026 FRIDAY

Welcome Speech (08:50 - 09:00)

Prof. Dr. Dolunay SAKAR, Yıldız Technical University
Conference Co Chair

SESSION A (09:00 – 10:40)

SESSION CHAIR: Prof. Dr. Sevil YÜCEL

09:00 – 09:20

PAPER TITLE : CARBON DIOXIDE-BASED FUNCTIONAL CYCLIC CARBONATES: AMINO ACID-BASED IRON(III) AND COBALT(III) COMPLEXES CATALYSED COUPLING OF CO₂ AND EPOXIDES

AUTHOR(S) : Adnan S. ABU-SURRAH, Jumana N. AYYAD

09:20 – 09:40

PAPER TITLE : BIOMASS ENERGY PRODUCTION FROM SUNFLOWER PLANT

AUTHOR(S) : Emek MOROYDOR DERUN, Shalala HABIBZADE, Deniz UYGUNÖZ

09:40 – 10:00

PAPER TITLE : SYNTHESIS AND CHARACTERIZATION OF ECO-FRIENDLY EDIBLE FILMS BASED ON PISTACHIO SHELL AND PEANUT OIL

AUTHOR(S) : Kerem AKDEMIR, Hilal GÖNÜLTAİ, Burge KÖSE IŞIK, Nurcan TUGRUL

10:00 – 10:20

PAPER TITLE : UTILIZATION OF SUGAR BEET PULP AS AN AGRICULTURAL BY-PRODUCT IN VEGAN LEATHER PRODUCTION

AUTHOR(S) : Alize MENEKSE, Burge KÖSE IŞIK, Nurcan TUGRUL

10:20 – 10:40

PAPER TITLE : NATURAL PIGMENTS DOPED POLYMER FILMS SYNTHESIS BY SOLUTION CASTING METHOD AND CHARACTERIZATION

AUTHOR(S) : Deniz UYGUNÖZ, Ibrahim ŞENGÖR, Emek MOROYDOR DERUN

TEA & COFFEE BREAK 10:40 – 11:00

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SESSION B (11:00 – 13:00)

SESSION CHAIR: Prof. Dr. Emek MOROYDOR DERUN

11:00 – 11:20

PAPER TITLE : A NEW APPROACH TO THE SYNTHESIS OF A SELENIUM-DOPED BIOACTIVE GLASS SYSTEM: IMPLICATIONS FOR BIOACTIVITY AND DEGRADATION BEHAVIOR

AUTHOR(S) : **Sevil YÜCEL**, Yeşim AYIK, Şeref YILDIRIM, Sinem ARSLAN, Doğa Berşan GÜNEŞ, Esra Nur TURAL, Alperen ARICI, Cem ÖZEL, Deniz SAKARYA, Ali Can ÖZARSLAN

11:20 – 11:40

PAPER TITLE : SYNERGISTIC THERMAL-UV STRESS ACCELERATES HBCD RELEASE FROM BACK-COATED TEXTILES: VOLATILE AND NANOSCALE PARTICULATE PATHWAYS

AUTHOR(S) : **Raed GHANEM**

11:40 – 12:00

PAPER TITLE : EFFECTS OF STRONTIUM AND SELENIUM-DOPED BIOACTIVE GLASSES ON SOFT TISSUE APPLICATIONS: AN IN VITRO EVALUATION

AUTHOR(S) : **Cem ÖZEL**, Semanur ERCAN, Yeşim AYIK, Şeref YILDIRIM, Sinem ARSLAN, Doğa Berşan GÜNEŞ, Esra Nur TURAL, Deniz SAKARYA, Ali Can ÖZARSLAN, Merve ERGİNER HASKÖYLÜ, Sevil YÜCEL

12:00 – 12:20

PAPER TITLE : EFFECT OF TANNIC ACID CONCENTRATION ON MECHANICAL AND STRUCTURAL PROPERTIES OF POLYVINYL ALCOHOL/CHITOSAN/POMEGRANATE PEEL POWDER BASED BIOCOMPOSITE FILMS

AUTHOR(S) : Neşe İŞMAN, **Pınar TERZİOĞLU**

12:20 – 12:40

PAPER TITLE : THE EFFECTS OF H₂O:TEOS RATIO ON THE COMPOSITION AND MORPHOLOGY OF BIOACTIVE GLASSES SYNTHESIZED BY THE STÖBER METHOD

AUTHOR(S) : **Yeşim AYIK**, Doğa Berşan GÜNEŞ, Sinem ARSLAN, Şeref YILDIRIM, Esra Nur TURAL, Alperen ARICI, Cem ÖZEL, Deniz SAKARYA, Ali Can ÖZARSLAN, Sevil YÜCEL

12:40 - 13:00

PAPER TITLE : ACTIVATED CARBON FROM GYPSOPHILA ROOTS: A SUSTAINABLE ADSORBENT FOR DYE REMOVAL

AUTHOR(S) : **Sena Nur KARABEKİROĞLU**, Meral KOCAOĞLU

LUNCH BREAK 13:00 – 14:00

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SESSION C (14:00 – 16:00)

SESSION CHAIR: Prof. Dr. Adnan S. ABU-SURRAH

14:00 – 14:20

PAPER TITLE : THE EFFECTS OF HELICHRYSUM ARENARIUM EXTRACT ON CALCIUM OXALATE CRYSTALLIZATION AS NATURAL INHIBITOR

AUTHOR(S) : Sinan ŞİMŞEK, Osman Yahya USOĞLU, Emel AKYOL

14:20 – 14:40

PAPER TITLE : SYNTHETIC METHODS FOR THE PREPARATION OF CYANO SUBSTITUTED OXAZOLO[4,5-b]PYRIDINES

AUTHOR(S) : Jurja VUKOVINSKI, Marijana Hranjec

14:40 – 15:00

PAPER TITLE : RAPID AND HIGH-ACCURACY CARBON DETERMINATION METHODS FOR SUSTAINABLE CARBON FARMING: IMPLICATIONS FOR NORTH MACEDONIA'S AGROECOSYSTEMS

AUTHOR(S) : Biljana BALABANOVA, Verica ILIEVA, Sasa MITREV

15:00 – 15:20

PAPER TITLE : SUPRAMOLECULAR INTERACTION OF GABAPENTIN AND LACTAM WITH CUCURBIT[N]URIL HOST MOLECULES

AUTHOR(S) : Lubna ALRAWASHDEH, Bayan F. KULAIB, Khaleel I. ASSAF, Musa I. EL-BARGHOUTH, Khaled BODOOR, Osama M. ABUHASAN, Ahmad A. ABDOH

15:20 – 15:40

PAPER TITLE : ENZYME-ASSISTED SOXHLET EXTRACTION OF HELICHRYSUM ARENARIUM AND INVESTIGATION OF THE EFFECT OF ENZYMES (CELLULASE, PECTINASE, XYLANASE) ON TOTAL FLAVONOID CONTENT

AUTHOR(S) : Sinan ŞİMŞEK, Emel AKYOL, İlknur KUCUK

15:40 – 16:00

PAPER TITLE : INVESTIGATION OF TORREFACTION PROCESS CONDITIONS FOR BIOCHAR PRODUCTION AS AN ALTERNATIVE RENEWABLE ENERGY SOURCE

AUTHOR(S) : Sakine MIZRAK, Merve ŞANALAN, Hediye İrem ÖZGÜNDÜZ

TEA & COFFEE BREAK 16:00 – 16:20

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POSTER SESSION A (16:20 – 17:20)

SESSION CHAIRS: Prof. Dr. Sevil YÜCEL, Prof. Dr. Adnan S. ABU-SURRAH, Prof. Dr. Dolunay ŞAKAR

- PAPER TITLE : ANTIPROLIFERATIVE AND ANTIBACTERIAL ACTIVITIES OF 2-ARYLBENZOXAZOLE DERIVATIVES: SYNTHESIS AND VEGFR-2 DOCKING STUDIES
AUTHOR(S) : **Anja RAKAS**, Leentje PERSOONS , Dirk DAELEMANS, Dajana KUČIĆ GRGIĆ, Vesna RASTIJA, Tatjana GAZIVODA KRALJEVIĆ
- PAPER TITLE : SYNTHESIS AND APPLICATION OF PENTAAMMINEACETATOCOBALT(III) NITRATE AS A LOW-TEMPERATURE BLEACHING CATALYST IN DISHWASHING DETERGENTS
AUTHOR(S) : **Abdullah AVŞAR** , Bilgehan GÜZEL
- PAPER TITLE : SYNTHESIS, SPECTROSCOPIC CHARACTERIZATION AND TITRATIONS WITH METAL CATIONS OF PYRIDINE HYDRAZONES
AUTHOR(S) : **Antonija MAMIĆ**, Marijana HRANJEC
- PAPER TITLE : SYNTHESIS AND SUBSTITUENT-DEPENDENT TAUTOMERISM OF BENZOTHIAZOLYL AZO DYES DERIVED FROM 2-NAPHTHOL
AUTHOR(S) : **Anja BEČ**, Robert VIANELLO, Helena CERIĆ, Livio RACANÉ
- PAPER TITLE : REMOVAL OF ACETAMIPRID FROM WATER BY ADVANCED TREATMENT PROCESSES: EFFICIENCY AND ECOTOXICOLOGICAL ASPECTS
AUTHOR(S) : **Bruna BABIĆ VISKOVIĆ**, Danijela AŠPERGER, Anica PAVLINOVIĆ, Davor DOLAR
- PAPER TITLE : INVESTIGATION OF THE CORRELATION BETWEEN SKIN PERMEATION AND GLOBAL REACTIVITY DESCRIPTORS IN PHENOLIC ANTIOXIDANTS: A COMPARATIVE DFT AND ADMET STUDY
AUTHOR(S) : **Beyza KEMANCI**, Şimal KURUMOĞLU, Burak GÜRKAN
- PAPER TITLE : BRAIN PENETRATION IN CNS AND NON-CNS DRUGS USING MOLECULAR ELECTRONIC PARAMETERS
AUTHOR(S) : **Ceren ERGÜL**, Şimal KURUMOĞLU, Yelda Yalçın GÜRKAN
- PAPER TITLE : REMOVAL OF FLUTAMIDE FROM AQUEOUS SOLUTIONS USING ACTIVATED CARBON DERIVED FROM LAVENDER: AN ADSORPTION STUDY
AUTHOR(S) : **Derya ALTINTAŞ**, Esra KULAKSIZ ALAYONT, Ozan YÖRÜK, Yüksel BAYRAK
- PAPER TITLE : FORENSIC IDENTIFICATION OF PEN INK PIGMENTS USING DUAL-WAVELENGTH RAMAN SPECTROSCOPY COMBINED WITH CHEMOMETRICS
AUTHOR(S) : **Dilek SALKIM İŞLEK**, Eda KİRİŞ, Ayşegül Şen YILMAZ, Erdoğan KÖSE
- PAPER TITLE : SUSTAINABLE HEAVY METAL ION DETECTION OF WASTE-BASED CARBON QUANTUM DOTS
AUTHOR(S) : Nour alhuda SALEHA, **Emel AKYOL**

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- PAPER TITLE : PERFORMANCE ASSESSMENT OF FAUJASITE VARIANTS FOR MULTI-METAL ADSORPTION: IMPACT OF MINERAL TYPE AND COMPETITIVE HEAVY METAL INTERACTIONS
AUTHOR(S) : **Enas N. MAHMOUD**, Sawsan JAAFREH, Khalil M IBRAHIM, Maram Na'es, Rawan Abu SARHAN
- PAPER TITLE : MODIFICATION OF BITUMEN BY ADDING REACTIVE TERPOLYMER, POLYOLEFIN ELASTOMER, AND THERMOPLASTIC
AUTHOR(S) : **Hediye İrem ÖZGÜNDÜZ**, Burcu Didem ÇORBACIOĞLU, Seyfullah KEYF
- PAPER TITLE : REMOVAL OF SELECTED POLLUTANTS FROM TEXTILE WASTEWATER USING A HYBRID MBR–NF SYSTEM
AUTHOR(S) : **Iva ĆURIĆ**, Anica PAVLINOVIĆ, Davor DOLAR
- PAPER TITLE : SYNTHESIS OF A NOVEL SYMMETRICAL SILICON PHTHALOCYANINE PHOTSENSITIZERS CONTAINING CARBOXYLIC ACID BASED AXIAL ANCHORING GROUPS
AUTHOR(S) : **Gülnur KESER KARAOĞLAN**, Gülşah GÜMRÜKÇÜ KÖSE
- PAPER TITLE : SYNTHESIS AND CHARACTERIZATION OF A NOVEL SILICON PHTHALOCYANINE CONTAINING CARBOXYLIC ACID GROUPS
AUTHOR(S) : **Gülşah GÜMRÜKÇÜ KÖSE**, Gülnur KESER KARAOĞLAN
- PAPER TITLE : PHOTOINDUCIBLE DECARBOXYLATION IN REACTIONS WITH ALKYNES: REGIOSELECTIVE ADDITION OF ALKYL RADICALS TO THE TRIPLE BOND
AUTHOR(S) : **Kinga PIOTROWSKA**, Sebastian BAŚ
- PAPER TITLE : DOUBLE-SIDED CONTROL OF PRODUCT TYPE PREFERENCE IN THE VISIBLE-LIGHT INITIATED REACTION OF 1,3-DICARBONYL COMPOUNDS WITH ALKENES
AUTHOR(S) : **Małgorzata PAŁYGA**, Jan RZEPIELA, Sebastian BAŚ
- PAPER TITLE : CHEMICAL CHARACTERIZATION OF PM_{2.5} IN THE URBAN AIR OF TIRANA: SOURCES, CHEMICAL MARKERS AND ATMOSPHERIC SECONDARY PROCESSES
AUTHOR(S) : **Megi CAUSHAJ**, Florian MANDIJA, Dhurata PREMTI, Spiro DUSHKU
- PAPER TITLE : THE INFLUENCE OF THE EXPANSION OF THIOPHENE SUBSTITUENTS ON THE PHYSICOCHEMICAL PROPERTIES AND APPLICATION POSSIBILITIES OF FLUORENE DERIVATIVES
AUTHOR(S) : **Paweł KALARUS**, Agata SZLAPA-KULA, Michał FILAPEK, Sławomir KULA
- PAPER TITLE : ANTIOXIDANT ACTIVITY OF BLACK CABBAGE (*Brassica oleracea L. var. sabellica*) FLOWERS
AUTHOR(S) : **Yeşim YEŞİLOĞLU**, Bircan ENGİN
- PAPER TITLE : COMPUTATIONAL TOXICOLOGY of FLUFENAUXIRIM and AMINOCYCLOPYRACHLOR: A DFT REACTIVITY and ECOTOXICITY COMPARISON
AUTHOR(S) : Goncagül TUMTUM, Kaan DEMİR, Şimal KURUMOĞLU, **Yelda YALCIN GURKAN**

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PAPER TITLE : DETERMINATION OF THE CHEMICAL COMPOSITION OF THE ESSENTIAL OIL OF THE RUBIA TINCTORUM PLANT

AUTHOR(S) : **Temine SABUDAK**, Bahar EREN, Cansu ÖZÇELİK

PAPER TITLE : SYNTHESIS OF N-METHYL-GLUCAMINE VIA REDUCTIVE AMINATION OF GLUCOSE USING CARBON NANOTUBE-SUPPORTED PALLADIUM CATALYST

AUTHOR(S) : **Tuğba BAYCAN**, Abdullah AVŞAR, Halil KAVRAMA, Bilgehan GÜZEL

SOCIAL PROGRAM

HOTEL DEPARTURE 19:00

ICNTC CONFERENCE

INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY

11 APRIL 2026 SATURDAY

SESSION D (08:40 – 11:00)

SESSION CHAIR: Prof. Dr. Emel AKYOL

08:40 – 09:00

PAPER TITLE : EFFECT OF HEMP FILLER ON THE MECHANICAL AND PHYSICAL PROPERTIES OF PLA/PBAT COMPOSITE FILMS

AUTHOR(S) : İlknur KÜÇÜK, **Oğuzhan TAVLIBIYIK**

09:00 – 09:20

PAPER TITLE : SYNTHESIS, STRUCTURAL CHARACTERIZATION AND BIOLOGICAL EVALUATION OF AMINO SUBSTITUTED BENZOXAZOLE DERIVATIVES

AUTHOR(S) : **Marina GALIĆ**, Viktoria RAVLIĆ, Leentje PERSONS, Dirk DAELEMANS, Mihailo BANJANAC, Marijana HRANJEC

09:20 – 09:40

PAPER TITLE : DEVELOPMENT OF A DEP-IMPRINTED GQD@PHEMA-PPIM NANOPARTICLE-BASED SURFACE PLASMON RESONANCE SENSOR FOR DIETHYL PHTHALATE (DEP) DETECTION

AUTHOR(S) : **Monireh BAKHSHPOUR-YUCEL**, Bilgen OSMAN, Cevher Gündoğdu HIZLIATEŞ, Elif TÜMAY ÖZER

09:40 – 10:00

PAPER TITLE : OPTIMIZED FABRICATION OF BIOPOLYMER-DERIVED HYBRID AEROGELS AS SMART DRUG CARRIERS

AUTHOR(S) : Didem AYCAN, Yaşar Anelilib AYDIN, **Müge SENNAROĞLU BOSTAN**

10:00 – 10:20

PAPER TITLE : DEGRADATION MECHANISMS OF SELECTED AMINOPOLYCARBOXYLIC ACID MOLECULES by DFT METHOD

AUTHOR(S) : **Bahar EREN**, Ayşe Handan DÖKMECİ

10:20 – 10:40

PAPER TITLE : SYNTHESIS AND BIOLOGICAL ACTIVITY OF 1,2,3-TRIAZOLE COUMARIN HYBRIDS

AUTHOR(S) : **Petra KOVAČEC**, Leentje PERSOONS, Dirk DAELEMANS, Tatjana GAZIVODA KRALJEVIĆ

10:40 – 11:00

PAPER TITLE : NICKEL SULFIDE QUANTUM DOTS ANCHORED ON ZIF-67 AS AN EFFICIENT ELECTROCATALYST FOR HYDROGEN EVOLUTION REACTION

AUTHOR(S) : **Yaren ERDAG MADEN**, Özge KERKEZ KUYUMCU

TEA & COFFEE BREAK 11:00 – 11:20

ICNTC CONFERENCE

INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY

SESSION E (11:20 – 13:00)

SESSION CHAIR: Dr. Bahar EREN

11:20 – 11:40

PAPER TITLE : PRODUCTION AND CHARACTERIZATION OF A DOUBLE-LAYERED WOUND DRESSING CONTAINING ELECTROSPUN POLYLACTIC ACID AND HYPERICUM-INFUSED ALGINATE HYDROGEL

AUTHOR(S) : Seniye UZUN, **Seniyecan KAHRAMAN**, Emine ÖZBEY, Filiz UĞUR NİGİZ

11:40 – 12:00

PAPER TITLE : FABRICATION OF ACID-MODIFIED CLINOPTILOLITE DOPED PVDF NANOFIBER MEMBRANES AND OPTIMIZATION OF NITRATE ADSORPTION USING RSM

AUTHOR(S) : **Ayşenur KATIRCI**, Filiz UĞUR NİGİZ

12:00 – 12:20

PAPER TITLE : SYNTHESIS AND IN VITRO CHARACTERIZATION OF QUERCETIN-LOADED ALGINATE-KERATIN COMPOSITE HYDROGELS FOR ENHANCED WOUND HEALING APPLICATIONS

AUTHOR(S) : **Sezer Yiğit**, Tijen Ennil BEKTAŞ, Seniyecan KAHRAMAN, Filiz UĞUR NİGİZ

12:20 – 12:40

PAPER TITLE : FROM ORANGE PEEL TO SUSTAINABLE BIOCOMPOSITE: PRODUCTION AND CHARACTERISATION OF PECTIN/CMC FILMS WITH MATCHA TEA EXTRACT

AUTHOR(S) : Buse Okyay, **Özde İPSALALI**, Filiz Uğur Nigiz

12:40 – 13:00

PAPER TITLE : PREPARATION AND CHARACTERIZATION OF ELECTROSPUN ZR-BASED UIO-66/SULFONATED PPSU PROTON EXCHANGE MEMBRANES FOR VANADIUM REDOX FLOW BATTERIES

AUTHOR(S) : **Elif ÇOLAK**, Buse ÇETİN, Derya ÜNLÜ, Filiz UĞUR NİGİZ

LUNCH BREAK 13:00 – 14:00

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SESSION F (14:00 – 15:20)

SESSION CHAIR: Prof. Dr. Dolunay ŞAKAR

14:00 – 14:20

PAPER TITLE : PHENYLBORONIC ACID-ENHANCED BENZOXAZINE RESINS AS PROMISING MATRICES FOR THERMAL PROTECTION COMPOSITES

AUTHOR(S) : **Ruveyda ÖZDEMİR**, Derya UNLÜ

14:20 – 14:40

PAPER TITLE : SESAMOL-FUNCTIONALIZED CYCLOPHOSPHAZENES: SYNTHESIS, STRUCTURAL CHARACTERIZATION, AND BIOLOGICAL EVALUATION

AUTHOR(S) : **Şule ŞAHİN ÜN** , Hanife İBİŞOĞLU , Yunus ZORLU , Devrim ATILLA , Gülşah TOLLU, Ersin KILINÇ , Sadin ÖZDEMİR

14:40 – 15:00

PAPER TITLE : SUSTAINABLE AND BIOACTIVE CHITOSAN/PVA HYDROGELS INCORPORATING ALLANTOİN FOR WOUND HEALING APPLICATIONS

AUTHOR(S) : **Miray ÖZBAKIŞ**, Dea ISMAILI, Yusuf SICAK, Pınar TERZİOĞLU

15:00 – 15:20

PAPER TITLE : COMPARATIVE EVALUATION OF INFRARED AND MICROWAVE DRYING OF BERRIES: KINETICS, DIFFUSIVITY, AND MODELING APPROACHES

AUTHOR(S) : **Ekin KIPÇAK**

TEA & COFFEE BREAK 15:20 – 15:40

ICNTC CONFERENCE

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POSTER SESSION B (15:40 – 16:40)

**SESSION CHAIRS: Prof. Dr. Emel AKYOL, Prof. Dr. Temine ŞABUDAK,
Prof. Dr. Yelda YALÇIN GÜRKAN**

- PAPER TITLE : EFFECT OF AROMATIC RING NUMBER AND SUBSTITUENT ARRANGEMENT ON THE PROPERTIES OF PHENANTHRO[9,10-D]IMIDAZOLE DERIVATIVES FOR OLEDs
AUTHOR(S) : **Agnieszka KRAWIEC**, Jaijanarthanan Lingagouder, Agata Szlapa-Kula, Michał Filapek, Karol Erfurt, Przemysław Data, Sławomir Kula
- PAPER TITLE : PRODUCTION OF DESALINATION MEMBRANES FROM RECYCLED PVDF POLYMERS
AUTHOR(S) : **Ayşenur KATIRCI**, Filiz UĞUR NİĞİZ
- PAPER TITLE : CHEMICAL CHARACTERISATION OF MADDER (*Rubia tinctorum* L.), DETERMINATION OF ANTIOXIDANT ACTIVITY AND DFT STUDIES ON SELECTED COMPOUNDS
AUTHOR(S) : **Bahar EREN**, Temine ŞABUDAK, Cansu ÖZÇELİK
- PAPER TITLE : SYNTHESIS OF BIO-POLYOLS FROM AGRICULTURAL WASTE FOR SUSTAINABLE INSULATION PANEL APPLICATIONS
AUTHOR(S) : **Bilgehan GÜZEL**, Sinem TÜMÜK, Erdem DELİL
- PAPER TITLE : SYNTHESIS AND CHARACTERIZATION OF N-METHYL-D-GLUCAMINE USING PD/C-SUPPORTED RANEY NICKEL CATALYST
AUTHOR(S) : Tuğba BAYCAN, Burak AY, Abdullah AVŞAR, **Bilgehan GÜZEL**
- PAPER TITLE : INFLUENCE OF EXTRACTION TECHNIQUE ON THE POLYPHENOLIC COMPOSITION OF SOLIDAGO CANADENSIS L. AERIAL PARTS
AUTHOR(S) : **Cornelia FURSESCO**, Violeta Alexandra ION, Oana-Crina BUJOR, Simona MARCU, Tatiana CALALB, Alina ORȚAN, Liliana BĂDULESCU, Livia UNCU
- PAPER TITLE : REMOVAL OF BISPHENOL A FROM WATER
AUTHOR(S) : **Demet AÇIKGÜL**, Nuran KINACIOĞLU, Dilek DURANOĞLU
- PAPER TITLE : PREPARATION AND ANALYSIS OF A HERBAL EXTRACT SOLUTION HAVING RESTORATIVE EFFECTS POTENTIAL AGAINST RADIATION DERMATITIS
AUTHOR(S) : Ayşe Beril DEMİR, Duru BAHÇECİ, Sinem ÖZER, Öznur YAŞA ŞAHİN, **Dolunay ŞAKAR**
- PAPER TITLE : REMOVING DISPERSE ORANGE 30 DYE FROM SIMULATED WASTEWATER WITH QUINCE LEAVES BIOADSORBENT
AUTHOR(S) : Zeynep Berra BAĞ, Hüsnü Kemal GÜRAKIN, **Dolunay ŞAKAR**
- PAPER TITLE : INVESTIGATION OF THE EFFECT OF ULTRASONIC PRETREATMENTS ON THE OVEN DRYING OF ARONIA BERRIES
AUTHOR(S) : Esra Eylem ŞİMŞEK, **Ekin KIPÇAK**

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PAPER TITLE : HYDROTHERMAL SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF AMINO-FUNCTIONALIZED ZR-BASED MOFS FOR ELECTROCHEMICAL MEMBRANE APPLICATIONS

AUTHOR(S) : **Elif ÇOLAK**, Huriye Ceren KURÇİN, Sevgi Kemeç ASLAN, Derya ÜNLÜ, Filiz UĞUR NİGİZ

PAPER TITLE : SYNTHESIS, CHARACTERIZATION, MOLECULAR DOCKING AND BIOLOGICAL ACTIVITY OF NEW SCHIFF BASES CONTAINING PYRAZOLE ARYLHYDRAZONE-BASED MOIETIES AS ANTITUMOR AGENTS

AUTHOR(S) : **Kayed A. Abu SAFİEH**, Adnan S. Abu-SURRAH, Mohammad ALEMLEH, Jumana AYYAD, Lubna TAHTAMOUNI, Amneh SHTAIWI

PAPER TITLE : REMOVAL OF CHROMIUM (VI) FROM AQUEOUS SOLUTION USING POMEGRANATE PEEL BASED BIOSORBENT

AUTHOR(S) : **Zeliha Betül KOL**, V.E. TUĞLUAY, Ö. DEMİRCAN, M. OZAN, D. DURANOĞLU

PAPER TITLE : DEVELOPMENT OF A NOVEL POLYMER-BASED SPE METHOD FOR TRICLOSAN

AUTHOR(S) : **Melike KÜÇÜK**, Bilgen OSMAN, Elif TÜMAY ÖZER

PAPER TITLE : PREPARATION OF A PHYTOHYDROGEL CONTAINING MEDICINAL AND AROMATIC PLANT EXTRACTS

AUTHOR(S) : Zeynep TAŞKAPILI, **Sezer YİĞİT**, Tijen Ennil BEKTAŞ

PAPER TITLE : A NOVEL AZULENE–BODIPY FLUOROPHORE: SYNTHESIS AND PHOTOPHYSICAL PROPERTIES

AUTHOR(S) : **Seda ÇETİNDERE**, Gizem GÜMÜŞGÖZ-ÇELİK, Musa ERDOĞAN

PAPER TITLE : SWELLING CHARACTERISTIC OF FREEZE DRIED MUSSEL, SHRIMP AND SQUID

AUTHOR(S) : Ozge ERCAN, **Zehra Özden ÖZYALÇIN**, Azmi Seyhun KIPÇAK

PAPER TITLE : FREEZE DRYING OF COCKLE: DRYING KINETICS AND MATHEMATICAL MODELLING

AUTHOR(S) : Yasemin ÇAĞLIYAN, **Zehra Özden ÖZYALÇIN**, Azmi Seyhun KIPÇAK

PAPER TITLE : DIETARY FIBER CONTENT AND THERAPEUTIC POTENTIAL OF FRUITS AND NON-EDIBLE PARTS OF ARONIA MELANOCARPA (MICHX.) ELLIOT

AUTHOR(S) : **Tatiana CALALB**, Simona MARCU, Violeta Alexandra ION, Alina ORȚAN, Liliana BĂDULESCU

12 April 2026 Sunday

SOCIAL PROGRAM